

Hidden Creek Drive

Contact	<ul style="list-style-type: none">Eula Bond, Dranesville District citizen
Location	<p>An unnamed tributary that originates beneath Dara Lane and flows in a westward direction through two in-line wet ponds before meeting with a larger unnamed tributary of Difficult Run.</p> <p>Supervisor District: Dranesville Watershed: Difficult Run Tax Map: 19-2 Approved Plan (August 3, 2004): 002443-PL -02-2</p>
Concern	<p>A resident living along Hidden Creek Drive contacted SWPD staff for information related to the classification of a stream near her property. On the November 2003 Chesapeake Bay Preservation Area Map, neither the unnamed stream nor the two in-line wet ponds were included as Resource Protection Areas. Upon review of the field maps, it was recognized that the stream in question was unintentionally missed during the original survey of this area. The property at tax map number 0192((1))-0062 has an approved plan for development.</p> <p>The headwaters of this stream are piped beneath the housing development at Dara Lane. The stream is piped again under the adjacent properties along Hidden Creek Drive, immediately downstream of the first wet pond before reaching its confluence with a larger un-named Difficult Run tributary. The remaining 300 foot upstream section of exposed stream straddles tax maps 19-2 and 19-4.</p>
County's Initial Designation	Perennial
Explanation	The perennial stream determination was based on strong hydrologic, channel, streambed soils, and biological indicators that are characteristic of streams with perennial flow. These indicators include the presence of seeps and springs, which provide a consistent groundwater recharge to the stream, hydric soils, and numerous Net-Spinning Caddisflies.

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Hidden Creek Drive, Continued

Explanation
(continued)

The last significant rainfall, 72 hours prior to the August 17th survey, was recorded as 0.24 inches by the Colvin Run Police Station rain gauge (D2010). Both the Palmer Drought and Palmer Hydrological Drought Indices show that the region was in near normal hydrologic conditions during this period.

Timeline

Date	Action	Initials
7/04	Phone call from Eula Bond	MM
8/3/04	Development plan approved by Planning Commission	
8/12/04	Phone call from Eula Bond	LG
8/17/04	Initial stream survey	DD, LG

Final Outcome

Stream is perennial. Chesapeake Bay Preservation Area map will be revised.

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Hidden Creek Drive, Continued

Images

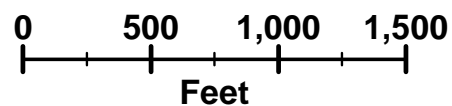
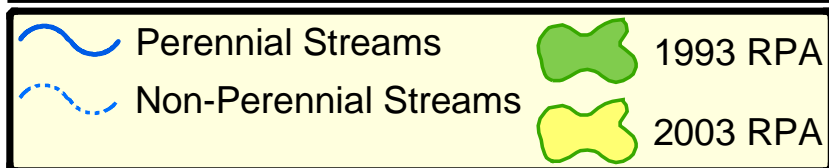
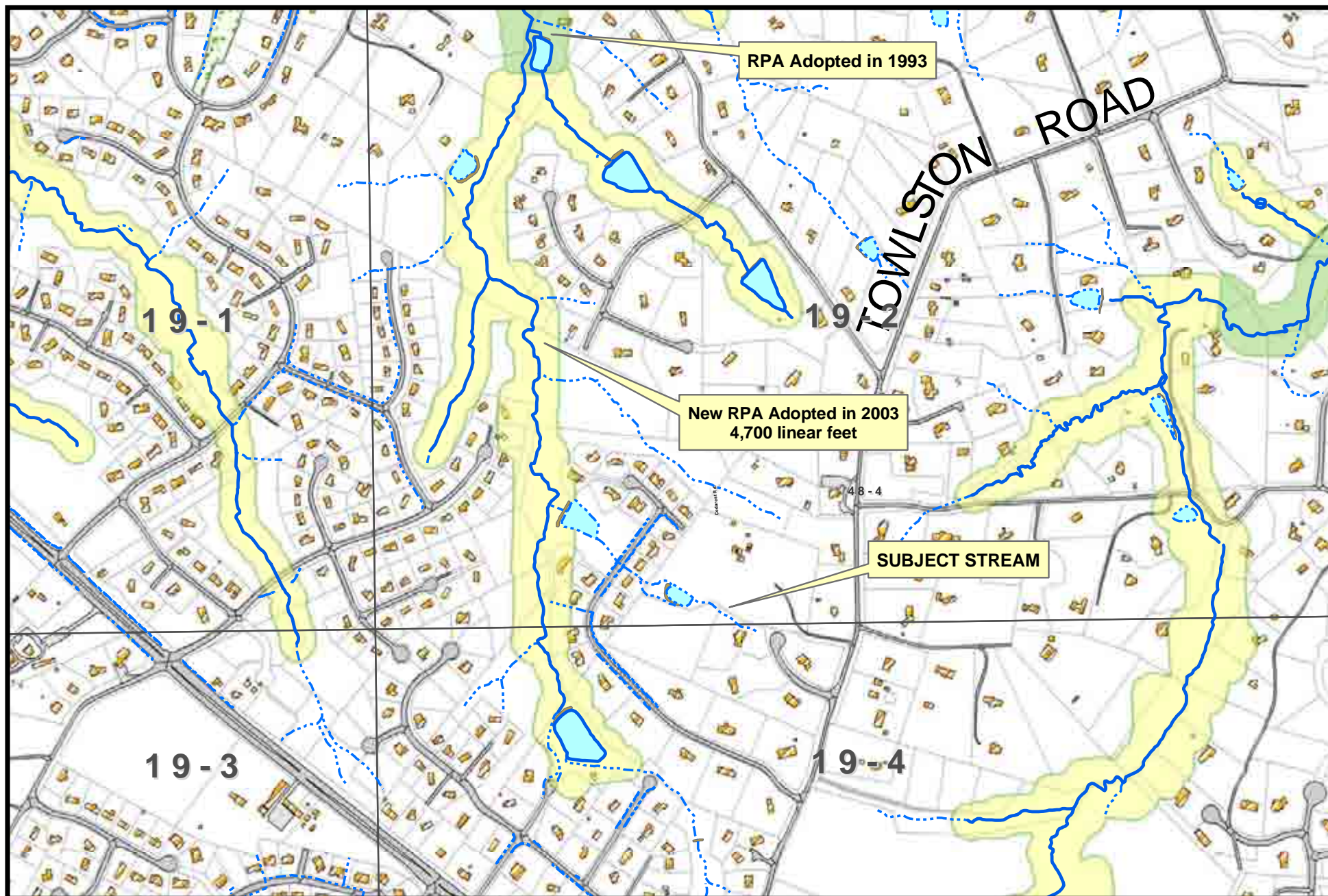
The photographs below were taken on August 17, 2004.



Looking downstream at unnamed tributary from edge of property at 9105 Dara Lane. Seeps located along right bank immediately to the right.



Looking downstream at the unnamed tributary from upstream section of reach.



Hidden Creek Drive
Stream: Unnamed Tributary to Difficult Run
Watershed: Difficult Run
Dranesville District, Tax Maps - 19-2, 19-4